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Claims:

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1. A substantially gel-free compound comprising:

- a. at least one elastomeric polymer without any conjugated aliphatic diene in its composition having an average molecular weight M_n of more than 20,000 g/mol comprising repeating units derived from at least one C₄ to C₇ isomonoolefin monomer, at least one multiolefin cross-linking agent and at least one chain transfer agent, said polymer containing less than 15 wt.% of solid matter insoluble in boiling cyclohexane under reflux for 60 min,
- b. at least one filler and
- c. optionally at least one diluent.
- 2. The compound of claim 1, wherein at least one of said elastomeric polymers comprising repeating units derived from at least one C₄ to C₇ isomonoolefin monomer, at least one multiolefin cross-linking agent and at least one chain transfer agent, said polymer containing less than 15 wt.% of solid matter insoluble in boiling cyclohexane under reflux for 60 min, is partially vulcanized.

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- 3. The compound of any of the claims 1-2, wherein the compound further comprises a diluent.
- 4. A self-supporting shaped article comprising a substantially gel-free compound comprising:
 - a. at least one elastomeric polymer without any conjugated aliphatic diene in its composition having an average molecular weight M_n of more than 20,000 g/mol comprising repeating units derived from at least one C₄ to C₇ isomonoolefin monomer, at least one multiolefin cross-linking agent and at least one chain transfer agent, said polymer containing less than 15 wt.% of solid matter insoluble in boiling cyclohexane under reflux for 60 min,

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b. at least one filler.

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5. An article according to claim 4, wherein the C₄ to C₇ isomonoolefin monomer(s) are selected from the group consisting of isobutylene, 2-methyl-1-butene, 3-methyl-1-butene, 2-methyl-2-butene, 4-methyl-1-pentene and mixtures thereof.

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- 6. An article according to any of claims 4-5, wherein the article further comprises at least one supporting means on which the compound is layered.
- 7. A tape comprising the compound of any of the claims 1-3 and optionally one or more supporting means.
 - 8. A sealant or adhesive composition comprising the compound of any of the claims 1-3.